

INTERNATIONAL SEARCH REPORT

In tional Application No
PCT/GB2004/003680

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N23/06 G01N23/223 G01N23/227

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	R.A.ROSENBERG, J.K.SIMONS, S.P.FRIGO: "X-ray fluorescence detection of low-Z elements using a microchannel plate detector" REVIEW OF SCIENTIFIC INSTRUMENTS, vol. 63, no. 4, April 1992 (1992-04), pages 2193-2194, XP002305295 UNITED STATES the whole document ----- -/--	1-12, 14-17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

12 November 2004

Date of mailing of the international search report

30/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KASRAI M ET AL: "X-ray fluorescence measurements of X-ray absorption near edge structure at the Si, P, and S L edges" JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A (VACUUM, SURFACES, AND FILMS) USA, vol. 11, no. 5, 1993, pages 2694-2699, XP002305296 ISSN: 0734-2101 page 2694, right-hand column page 2695, right-hand column, paragraph 2 -----	1-12, 14-17
A	WO 93/06470 A (EUROPEAN ECONOMIC COMMUNITY) 1 April 1993 (1993-04-01) abstract page 1, line 1 - page 2, line 4 page 4, line 5 - page 5, line 17 page 7, line 31 - page 8, line 30 -----	1-12, 14-17
Y	J. E. BATEMAN ET AL: "Studies of the Gain Properties of Microstrip Gas Counters Relevant to Their Application as X-Ray and Electron Detectors" IEEE TRANSACTIONS ON NUCLEAR SCIENCE, vol. 49, August 2002 (2002-08), pages 1644-1650, XP002305297 page 1649 -----	1-12, 14-17
A	TOURILLON G ET AL: "Electron yield X-ray absorption spectroscopy at atmospheric pressure" PHYSICS LETTERS A NETHERLANDS, vol. 121, no. 5, 1987, pages 251-257, XP009039581 ISSN: 0375-9601 page 251 page 255 -----	1-12, 14-17
A	KORDESCH M E ET AL: "Electron-yield extended X-ray absorption fine structure with the use of a gas-flow electron detector" PHYSICAL REVIEW B (CONDENSED MATTER) USA, vol. 29, no. 1, 1984, pages 491-492, XP002305299 ISSN: 0163-1829 the whole document -----	1-12, 14-17

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		EP 0604415 A1	06-07-1994
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